

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 09/841,448

Confirmation No.: 4573

Filing Date:

April 24, 2001

Inventors:

Vinegar et al.

Title:

IN SITU PRODUCTION OF SYNTHESIS GAS FROM A

COAL FORMATION, THE SYNTHESIS GAS HAVING A SELECTED H₂ TO CO

RATIO

§ Examiner: §

G. A. Suchfield

Art Unit:

3672

Atty. Dkt. No.:

5659-07400

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

DATE OF DEPOSIT:

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Commissioner for Pate

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 (AA2, T01-T12) be considered by the Examiner and made of record. Copies of the listed documents are enclosed for the convenience of the Examiner.

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/565/9-07400/EBM.

Respectfully submitted

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Date:

Form PTO-1449 (modified)
List of Patents and Publication
For Applicant's Information
Disclosure Statement

(Use several sheets if necessar

ATTY. DKT. NO. 5659-07400

SERIAL NO. 09/841,448

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO					
	T01	1836876	12/30/1994	SU								
	AA2	294 809	12/14/1988	EP								
		OTHER ART	(Including Author, T	itle, Date, Pertinent F	ages, Etc.)		_					
		Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).										
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).										
	T04 C	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).										
		Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).										
		Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).										
		Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)										
		Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).										
	1 1	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).										
		Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).										
	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).										
	T12											

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.